

Memorandum

To: CHAIR AND COMMISSIONERS

Meeting Date: May 25-26, 2005

Reference No.: 2.5e.
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Ross A. Chittenden
Division Chief
Transportation Programming

Ref: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECTS
RESOLUTION FA-04-06**

RECOMMENDATION:

The Department of Transportation (Department) recommends that the California Transportation Commission (Commission) approve the following Resolution.

FINANCIAL RESOLUTION:

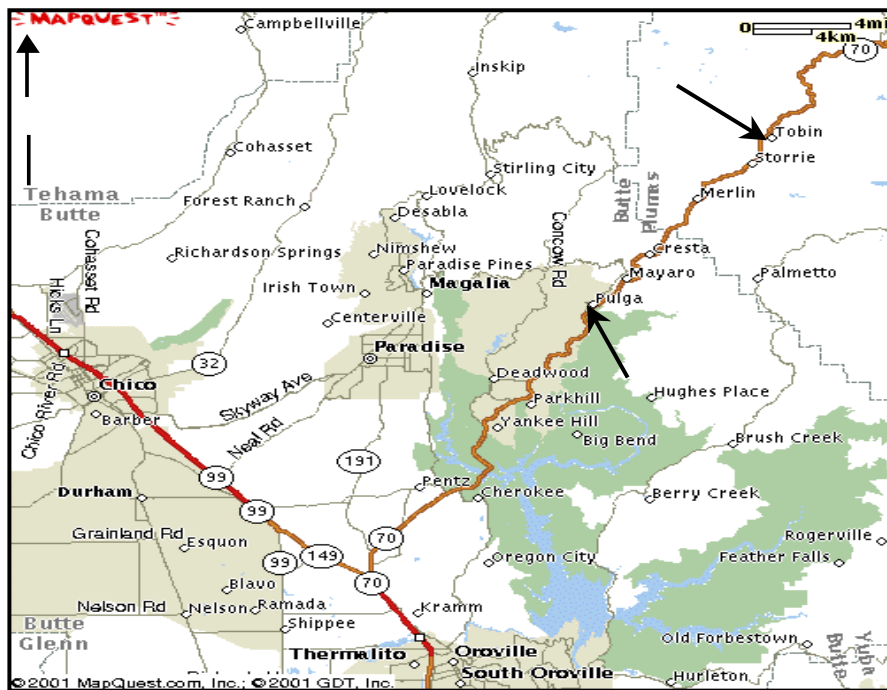
Resolved that \$1,750,000 be allocated from the Budget Act 2004, Budget Act Items 2660-302-0042 and 2660-302-0890, to provide additional funds for the project listed below.

SUMMARY AND CONCLUSIONS:

This resolution allocates \$1,750,000 of additional State funds for the previously approved project listed below:

<u>Project</u>	<u>Dist-Co-Rte</u>	Original Vote/G11 <u>Amount</u>	Award <u>Amount</u>	Current Budget <u>Amount</u>	Current Allocation <u>Revision</u>	Revised Budget <u>Amount</u>	Total Increase <u>Vote/Award</u>
1	2-Plu-70	\$16,150,000	\$23,290,000	\$23,290,000	\$1,750,000	\$25,040,000	55% V

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Reason for Supplemental Funds	EA PPNO Budget Year Prgrm Codes Program	State Federal Current Budget Amount	State Federal Additional Allocation	State Federal Revised Total Amount
2.5e. Supplemental Funds for Previously Voted Projects			Resolution: FA-04-06		
1 \$1,750,000 Department of Transportation Plumas 02N-Plu-70 3.0/7.0	In Plumas County, near Storrie from North Fork Feather River Bridge No. 9-02 to east of North Fork Feather River Bridge No. 9-04, and in Butte and Plumas County near Pulga and Belden at North Fork Feather River Bridge No. 12-38 and No. 9-9. Rehabilitate five bridges. Supplemental funds are needed to complete construction.	3016U1 A0001G, B0001G, 5100 2000-01 301-0042 301-0890 20.20.201.110 SHOPP 2004-05 302-0042 302-0890 20.20.201.110 SHOPP	\$4,420,000 \$18,870,000 -	- -	\$4,420,000 \$18,870,000 \$332,000 \$1,418,000 \$23,290,000 \$1,750,000 \$25,040,000



PROJECT DESCRIPTION

This project will rehabilitate a total of five steel truss bridges on Route 70 in the Feather River Canyon. Four of the bridges are located in Plumas County, near Storrie, and one bridge is in Butte County. All five bridges were constructed in the 1930's and are eligible for the National Register of Historic Places because of their age and location in the Feather River Canyon. The five structures were built utilizing a variety of structural steel truss designs. Each bridge has permit load restrictions and must be retrofitted in order to meet seismic loading standards.

FUNDING STATUS

The project was originally programmed in the 2000 State Highway Operation and Protection Program (SHOPP) as two separate projects for a total of \$17,372,000 in FY 2001-02 (PPNO's A0001G and 5100). The project was voted for a total of \$16,150,000 in June 2001. Four bids were opened in September 2001, but all of the bids exceeded funding available to award the contract. On February 28, 2002, the Commission approved a \$4,350,000 supplemental allocation to allow this project to be re-advertised. In July 2002, the Commission also approved an additional supplemental funds request for \$2,795,000 to award the construction contract to the low bidder. This request for \$1,750,000 to complete the construction results in an overall increase of 55% over the original vote amount for this project.

REASON FOR INCREASE

Construction on the project began in August 2002 and is now 92 percent complete. The cost increases in this construction contract are attributed to significant unanticipated work, including the removal and replacement of a bridge deck and differing site conditions. The remaining major items of work are: painting the bridges, the arch-to-girder span seismic connection work at Pulga Bridge, and polyester overlays and miscellaneous work.

The construction contingency and supplemental work funds were not adequate to fund the unplanned replacement of the Pulga bridge deck due to the deteriorating conditions of the deck structure and the seismic retrofitting difficulties. Originally the work consisted of retrofitting the deck by chipping through the existing concrete, welding the Nelson studs to the girders, and backfilling these holes with new concrete. However, when the holes were exposed, the deck reinforcement was found to be too closely spaced (a condition not shown on the as-built plans) to allow placement of the Nelson studs. This retrofit problem, in combination with the existing conditions of the deck, resulted in the decision to have the bridge deck replaced.

Additional compensation for the foundation work was also needed at the Pulga, Rock Creek, and Storrie bridges when deeper competent rock formations than those indicated in the log of test borings were encountered. The differing site conditions at these locations have resulted in additional excavation, increased concrete footing quantity, and longer pile casing extensions and pile depths.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$1,750,000 to allow the completion of construction on this project.

OPTION B: Deny this request and direct the Department to deliver the project within the current allocation. The Department has considered this option and determined executing another project to complete the deleted work later would result in greater costs and more disruption to the traveling public and local political fallout.